

CLAIMS

1. Inflatable brace for stabilizing the ankle,  
5 comprising two lateral shells (2, 3) with which  
are associated, respectively, two bags (12, 13)  
which are inflatable with air and which are  
intended to bear, respectively, on the right and  
10 left sides of an ankle, said bags (12, 13) being  
provided with means (17, 18, 19) for their  
inflation, and means of the strap type (4 to 7)  
being provided to connect the two shells (2, 3)  
and permit tightening of the brace (1) around an  
ankle, characterized in that the means of  
15 inflation (17, 18, 19) of the two inflatable bags  
(12, 13), respectively right and left, are common  
to these two bags (12, 13).
2. Ankle brace according to Claim 1, characterized in  
20 that the common means of inflation comprise two  
flexible inflation conduits (17, 18) which start,  
respectively, from the upper parts of the two bags  
(12, 13) and which converge, in a V-shaped  
configuration, towards a common inflation valve  
25 (19) situated between the two bags (12, 13).
3. Ankle brace according to Claim 2, characterized in  
that the two flexible conduits (17, 18) and the  
inflation valve (19) are situated in the front  
30 upper part of the brace (1).
4. Ankle brace according to Claim 2 or 3,  
characterized in that the walls of the flexible  
inflation conduits (17, 18) are formed directly by  
35 continuations of the two opposite walls (14, 15)  
of the two inflatable bags (12, 13).
5. Ankle brace according to any one of Claims 2 to 4,  
characterized in that the inflation valve (19) is

continued by a tongue (20) forming a loop which can be passed through by one of the straps (4, 5) for tightening the brace (1).

- 5 6. Ankle brace according to any one of Claims 1 to 5, characterized in that each of the two inflatable bags (12, 13) has, at least in its upper half, a zone comprising points and/or lines of connection (21) between its two opposite walls (14, 15), in  
10 such a way as to limit, in this zone, the degree of inflation of each bag (12, 13).
7. Ankle brace according to Claim 6, characterized in that said zone is provided with rectilinear and  
15 substantially parallel weld seams (21) which connect the two opposite walls (14, 15) of the bag (12, 13).
8. Ankle brace according to any one of Claims 1 to 7,  
20 characterized in that each inflatable bag (12, 13) comprises, in its lower half and on the inner side, a small auxiliary bag (22) which is open in its upper part and is intended for the  
25 introduction of removable cushions (23, 24), in particular of foam or gel.